

Effect of Substituents on the Degree of Covalence
of the Metal-Ligand Bond in Complexes of Sub-
stituted Anilines with Nickel Acetylacetonate,
by E. I. Beras.

RUSSIAN, per, Dok Ak Nauk SSSR, Pure Chem.,
Vol 197, No 6, April 1971, pp 1362-1365.
CB

Nov 71

Mobility and Concentration of the Current Carriers
in Polymers With Conjugate Bonds, by
A. F. Levin.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Phys. Chem.,
Vol 197, No 6, April 1971, pp 1366-1368.
CB

Nov 71

Carbonization of Graphitizing and Nongraphitizing
Materials, by V. S. Ostrovskii.

RUSSIAN, per. Int. & Appl. Chem. Phys. Chem.

Vol 197, No 6, April 1971, pp 1369-1371.

CB

Nov 71

Effective Electric Conductivity of a Porous
Gas-liquid Electrode. Model of Packed Spheres,
by Yu. A. Popov.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Pure Chem.,
Vol 197, No 6, April 1971, pp 1372-1375.
CB

Nov 71

Decrease in the Strength of Polycrystalline
Naphthalene in the Adsorption of Surface-Active
Substances From Aqueous Solutions, by

N. A. Sinaevich.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,

Vol 197, No 6, April 1971, pp 1346-1349.

GB

Nov 71

Two-Quantum Sensitized Photoionization, by
Z. A. Sinitzyna.

RUSSIAN, per, ~~Izv. Ak. Nauk SSSR, Phys. Chem.~~
Vol. 197, No. 6, April 1971, pp 1300-1302.

CB

Nov 71

Iniation of DNA Synthesis in Cultures of Mouse
Embryo Fibroblast-Like Cells During the Action
of Substances Causing Disorders in Spindle
Formation, by Yu. M. Vasil'ev.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,

Vol 197, No 6, April 1971, pp 1425-1428.

CB

Jan 72

Autoradiographic Study of H^3 -Tryptophan Incorporation Into Loose Connective Tissue, by

N. G. Khrushchov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,

Vol 197, No 6, April 1971, pp 1429-1431.

CB

Jan 72

Chemical Nature of Biologically Active
Phytolipopolysaccharides, by A. S. Kadzhaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 197,
No 6, April 1971, pp 1432-1434.
CB

Jan 72

Interpretation of the Bioelectrical Reaction of
a Plant to Excitation, With the Action of Light
as Example, by G. A. Volkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 197,
No 6, April 1971, pp 1435-1437.

CB

Jan 72

Respiratory Activity of the Plasmalemma of Wheat
Roots, by L. Kh. Gordon.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 197,
No 6, April 1971, pp 1438-1440.
CB

Jan 72

Afferent Elements of Ganglia of the Ileocecal
Region, by N. G. Kolosov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.

Vol. 197, No. 6, April 1971, pp 1441-1444.

CB

Jan 72

On the Development of the Human Cerebral Cranium
in Utero, by N. V. Popova-Latkina.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 6, April 1971, pp 1445-1447.

CB

Jan 72

Fluorescence of Retzius Cells of the Medicinal
Leech Vitally Stained With Acridine Orange, by
G. N. Akoev.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 6, April 1971, pp ~~1443-1444~~.
CB 1448-1451

Jan 72

Wedensky's Frequency Pessimism After Irradiation
of the Spinal Cord and During Compensation, by
V. N. Semagin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.

Vol 197, No 6, April 1971, pp 1452-1455.

CB

Jan 72

Detection and Functional Properties of Nonmyelin-
ated Afferent Fibers in the Inferior Cardiac Nerve,
by V. M. Khayutin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 6, April 1971, pp 1456-1457.

CB

Jan 72

Levels of Subcellular Differentiation Corresponding
To Diapause and Activation of the Sable, (Martes
zibellina) Embryo, by Yu. B. Baevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 6, April 1971, pp 1458-1460.
CB

Jan 72

Effect of Electron Excitation on Phase Changes
and Phase Equilibria, by E. A. Galashin.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 198,
No 6, June 1971, pp
CB

Mar 72

Mechanism of the Formation of Deep Latent
Images in Emulsion Microcrystals, by
E. V. Kal'manson.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 198,
No 6, June 1971, PP
CB

Mar 72

Conformation of Polymeric Macromolecules in the
Crystalline State and in an Ideal Solvent, by

V. P. Privalko.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 198,
No 5, June 1971, 22

CB

Mar 72

Method of Optimal Transformation of Signals
From Several Instruments, by T. M. Kolotova. 6 pp.
RUSSIAN, par. Dokl. Ak. Nauk SSSR, Ser. Fiz.-
Vol 198, No 1, May 1971, pp 58-61.
An Inst of Phys
Vol 16, No 5, Nov 1971
JPRS 53401

Nov 71

Multicriterial Problems in the Control of
Complex Chemical-Engineering Systems, by
V. V. Kafarov.

RUSSIAN, par, Dok. Ak. Nauk SSSR, Sov. Fizmat.
Vol 198, No 1, May 1971, pp 62-63.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Least Squares Method in the Identification of
Dynamic Systems, by Ya. F. Lomonov. 740.

RUSSIAN, per. Dok Ak Nauk SSSR, Sov Fizn.,

Vol 198, No 1, May 1971, pp 64-67.

An Inst of Phys

Vol 16, No 5, Nov 1971

JPRS 53401

Nov 71

Experiment on Machine Prediction of an Influenza
Epidemic, by L. A. Brachov.

RUSSIAN, par, Dok Ak Nauk SSSR, Ser Fiz.,

Vol 198, No 1, May 1971, pp 68-70.

An Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Dynamics of the Breakdown of Liquid Droplets
in a Gas Flow, by S. M. Kogarko.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Sov. Phys.,

Vol 198, No 1, May 1971, pp 71-73.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Use of Quasioptical Ideas to Create High-Power
Single-Mode CO_2 Lasers, by A. I. Barchukov.

RUSSIAN, per, Det. Ak. Nauk SSSR. Sov. Phys.

Vol 198, No 1, May 1971, pp 74-75.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Initial Stage of Melting of Porous Bodies, by
Ya. E. Gogunin.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys.,

Vol 198, No 1, May 1971, pp 76-78.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

The Role of Crystalline Structure in Friction
and Adhesion of Metals, by I. G. Kosovskii.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Sov. Phys.,
Vol. 198, No 1, May 1971, pp 79-82.
Am Inst of Phys
Vol. 16, No 5, Nov 1971

Nov 71

Plastic Deformation of Carbides in Diamond
Grinding, by G. V. Samsonov.

~~RUSSIAN, per, Dok. Ak. Nauk SSSR, Ser. Fiz.~~
Vol 198, No 1, May 1971, pp 83-85.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

On the Theory of Simple Substitution Reactions
in the Liquid Phase, by E. A. Dogaevskaya.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Khim. Zhidk.,
Vol 198, No 1, May 1971, pp 130-133.

CB

Nov 71

Competition in Charge Capture by Additives in
 γ -Irradiated Polyvinyl Chloride, by B. V. Kotov.
RUSSIAN, per, Dok Ak Nauk SSSR, Russ Chem,
Vol 198, No 1, May 1971, pp 134-137.
CB

Nov 71

Ion Exchange Equilibrium Between Ionite Granules,
by Academician A. V. Nikolayev.

RUSSIAN, per, ~~Int. St. Ind. 1971, Russ. Chem.~~
Vol 198, No 1, May 1971, pp 138-140.

CB

Nov 71

Role of the Cations in the Catalytic Activity of
Type I Zeolites of Different Composition, by
E. V. Topchieva.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem,
Vol 198, No 1, May 1971, pp 141-144.

GB

Nov 71

**Electric-Double-Layer Structure at the Platinized-
Platinum Electrode in the Presence of Chemisorbed
Methanol, by Academician A. N. Frumkin.**

**RUSSIAN, per, Dok. Ak. Nauk SSSR, Phys. Chem.,
Vol 198, No 1, May 1971, pp 145-148.**

CB

Nov 71

Mechanism of the Acid-Catalytic Hydrolysis of
Compounds with Semiacetal Bonds, by N. A.
Khalturinskii.

~~RUSSIAN, per, Dok. Ak. Nauk SSSR, Pure Chem.,~~
Vol 198, No 1, May 1971, pp 149-152.
CB

Nov 71

Effect of the Structure of a Porous Hydrogen Electrode
on Its Electrochemical Activity, Packed Sphere Model,
by A. A. Vasil'yev.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 198,
No 1, May 1971, pp 153-156.
CB

Jan 72

Simultaneous Desulfurization and Dephosphorization of
Cast Iron, by V. N. Zelenov.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 198,
No 1, May 1971, pp 157-160.
CB

Jan 72

Solubility of Hydrocarbons in Water Under Reservoir
Conditions, by T. P. Zhuze.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 198, No 1,
1971, pp 206-209.

ATS-RJ-5905

Apr 72

The Mechanism of Integration of Donor DNA
During Phage Transformation, by Yu. P. Vinetski.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 211-214.
CB

Jan 72

Phenotypic Variability and Reproduction of
Satellited Chromosomes in *Allium fistulosum* L.,
by A. B. Iordanskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 215-217.
CB

Jan 72

Variation of Oxidation-Reduction Potential in
Regenerating Liver, by Ye. G. Ivanovskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 198,
No 1, May 1971, pp 218-220.
CB

Jan 72

Action of Ionol and Tween-60 on Potato Wart
Disease, by D. V. Lipsits.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 198,
No 1, May 1971, pp 221-223.
CB

Jan 72

Resistance of Winter Wheat Tissues to Freezing
and Desiccation Under Adverse Gas Regimes, by
G. A. Samygin.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 198,
No 1, May 1971, pp 224-227.

CB

Jan 72

The Second Signal System as a Diagnostic
Troglodytid-Hominid Threshold, by B. F. Porshnev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 228-231.
CB

Jan 72

Stages of Development of the Receptor Tuft in
the Esophageal Ganglia of Lamb Fetuses and
Sheep, by V. V. Vshivtseva,
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 232-235.
CB

Jan 72

Influence of Acute Hypoxia on the Organism of
Animals With "Denervated" Sinocarotid Zones, by
N. A. Agadzhanyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 236-239.
CB

Jan 72

Relationship of Neuronal Responses in the External
Geniculate Body of a Cat to Illumination, by
V. D. Glezer.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 240-242.
CB

Jan 72

Succinic Acid in Skeletal Muscle During Intense
Activity and Rest, by M. N. Kondrashova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
May 1971, pp 243-246.
CB

Jan 72

Method of Analyzing the Reaction of a Neuron
to a Stimulus, by V. Yu. Krylov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 247-249.
CB

Jan 72

Transformation of the Characteristics of
Neuronal Impulse Activity in the Auditory
System, by E. A. Radionova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 250-253.
CB

Jan 72

Dynamics of the Secretory Activity of the
Neurosecretory Cells of the Subesophageal
Ganglion in Different Geographic Races of
Orgyia antiqua L., by T. V. Kind.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 1, May 1971, pp 254-255.
CB

Jan 72

Operations Planning and Control in Complex
Chemical-Engineering Systems, by V. V. Kafarov. 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys,
Vol 198, No 2, May 1971, pp 303-308.
Am Inst of Phys
Vol 16, No 5, Nov 1971
JPRS 53885

Nov 71

Optimal Stabilization of Several Plant Coordi-
nates by a Single Controlling Action, by
V. B. Lwin. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys.,
Vol 198, No 2, May 1971, pp 307-309;

Am Inst of Phys

Vol 16, No 5, Nov 1971

JPRS 53885

Nov 71

Rayleigh Surface Waves in a Viscoelastic
Medium, by S. Z. Brak,
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys.,
Vol 198, No 2, May 1971, pp 310-312.
Am Inst of Phys
Vol 16, No 5, Nov 1971

Nov 71

Impact of a Conical Shell Into Water, by
E. I. Origalyuk.
RUSSIAN, per. Dok. Ak. Nauk SSSR, Sov. Fiz.,
Vol 198, No 2, May 1971, pp 313-315.
Am Inst of Phys
Vol 16, No 5, Nov 1971

Nov 71

Description of the Effect of Finite Deformations
on the Velocity of Propagation of Elastic Waves,
by A. N. Guz'.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys.,

Vol 198, No 2, May 1971, pp 316-318.

An Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Method of Predicting Solar Flares With a
Function of Many Variables, by V. L. Brailovskii.
RUSSIAN, per. Dok Ak Nauk SSSR, Sov Phys,
Vol 198, No 2, May 1971, pp 319-322.
An Inst of Phys
Vol 16, No 5, Nov 1971.

Nov 71

Method of Solving Boundary-Value Problems in
Heat Conduction in a Region with a Boundary
Moving According to an Arbitrary Law, by

B. Ya. Lyubov.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Ser. Phys.

Vol 198, No 2, May 1971, pp 323-326.

Amer. Inst. of Phys.

Vol 16, No 5, Nov 1971

Nov 71

Measurement of the Potential of a Plasma, by
B. N. Makov.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Fizika,

Vol 198, No 2, May 1971, pp 327-329.

An Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Angular Distribution of the Products of Reactions
Involving the Formation of a Long-lived Complex,
by E. E. Nikitin.

~~RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys.~~
Vol 198, No 2, May 1971, pp 330-332.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Site of Catalyst Activity During Combustion of
a Condensed Substance, by A. A. Zaitseva.

RUSSIAN, per, Dok Ak Nauk SSSR, Pure Chem.,
Vol 198, No 2, May 1971, pp 361-362.

CB

Nov 71

Hindered Interaction of the Electron Pair of
Group V Elements, VIII. Mass Spectra of Stable
Ternary Radicals, by E. G. Kostynovskii.
RUSSIAN, per, Zh. Ak. Nauk SSSR, Fiz. Khim.,
Vol 198, No 2, June 1971, pp 33-36.
CB

Nov 71

Calculation of the Configuration Entropy in a
Cluster Model, by A. N. Men'.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Fiz. Khim.,

Vol 198, No 2, May 1971, pp 367-368.

CB

Nov 71

Determination of the State of Water in Sulfocac-
tionites by NMR, by N. I. Nikolaev.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Chem.,

Vol 198, No 2, May 1971, pp 369-372.

CB

Nov 71

Effects of Thermocycling of Single Crystals of
Tungsten and Molybdenum Alloys, by
E. M. Savitskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Pure Chem.
Vol 198, No 2, May 1971, pp 373-376.

CB

Nov 71

Effect of Yttrium on the Phase Composition of
Vanadium-Gallium Alloys, by Academician

V. N. Serezhnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Russ Chem.,

Vol 198, No 2, May 1971, pp 377-379.

CB

Nov 71

Mechanism of Deutero-Hydrogen Exchange of
Saturated Hydrocarbons with Protons of the
Solvent, Catalyzed by Platinum Complexes, by
M. B. Tyabin.

RUSSIAN, per, Dok Ak Nauk SSSR, Pure Chem.
Vol 198, No 2, May 1971, pp 351-353.

CB

Nov 71

Molar Volumes and Thermodynamic Properties of
Methane at High Pressures and Temperatures, by
D. S. Tsiklis,
RUSSIAN, per, Dok. Ak. Nauk SSSR, Phys. Chem.,
Vol 198, No 2, May 1971, pp 304-306.
CB

Nov 71

Magnetic Moments of Trimeric Clusters With
Nonequivalent Metal Ions, by B. S. Tsukerblat.
RUSSIAN, per, Dok Ak Nauk SSSR, Fizika Khim.
Vol 198, No 2, May 1971, pp 367-390.
CB

Nov 71

Austenitic High-Nitrogen Chromium-Nickel Steels.
Meltable in Plasma Arc Furnaces, by B. Ye. Paton.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 198,
No 2, May 1971, pp 391-393.
CB

Jan 72

Mechanism and Kinetics of the Reactions of Calcium
Sulfate With Nickel and Cobalt, by V. M. Chumarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 198,
No 2, May 1971, pp 394-396.
CB

Jan 72

Mutagenic Action of Ethylenimine Derivatives
of Pyrimidine on *Aspergillus nidulans*, by
S. P. Kovalenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 437-439.

CB

Jan 72

A New Promising Form of *Solanum verrucosum* Schlecht,
by N. A. Lebedeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol.Sci., Vol 198,
No 2, May 1971, pp 440-442.

CB

NTC 72-6 0070-06C

Jan 72

Utilization of Dissolved Organic Matter in Sea
Water by Echinoderms and Mollusks, by
K. M. Khallov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 443-446.
CB

Jan 72

A New Soil Microorganism - *Renobacter vacuolatum*
Gen. et Sp. n., by D. I. Nikitin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 447-448.
CB

Jan 72

Proteolipids of the White Matter of Different
Sections of the Brain, Spinal Cord, and Sciatic
Nerve of Dogs, by G. Kh. Bunyatyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 198,
No 2, May 1971, pp 449-452.

CB

Jan 72

Component Composition of the Zein of Mutant
Opaque-2 Corn And of Ordinary Dentiform Corn, by
E. N. Zybrevva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 198,
No 2, May 1971, pp 453-456.
CB

Jan 72

Biochemical Polymorphism of the Ceruloplasmin of
Karakul Sheep, by N. Kh. Mekhtlev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 198,
No 2, May 1971, pp 457-460.
CB

Jan 72

Synthesis of Unsaturated Phosphatidylinositol,
by Yul. G. Molotkovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 198,
No 2, May 1971, pp 461-464.
CB

Jan 72

Role of Methionine in Secretion of Hydrochloric
Acid By the Gastric Mucosa, by Ya. A. Epshtein.
RUSSIAN, per, Dok Ak Nauk SSR, Biochem., Vol 198,
No 2, May 1971, pp 465-466.
CB

Morphological Comparison of the Pituitary Glands
of *Gobius melanostomus* Pall. and *Gobius*
batrachocephalus Pall., Spawning Intermittently
and Simultaneously, by E. B. Moiseeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 467-470.
CB

Jan 72

Correlation Between Changes in Functional Systems
of the Body During Exposure of Intact and
Anesthetized Animals to Increasing Hypoxia, by
N. A. Agadzhanian.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 471-474.

CB

Jan 72

Electron-Microscope Investigation of Motoneurons
During Prolonged Excitation of Afferent Fibers, by
E. M. Zamoskovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 475-478.
CB

Jan 72

Hydrodynamic Reactions Between Sections of the
Vestibular Apparatus, by V. A. Kislyakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 479-482.
CB

Jan 72

Time-Dispersion in Afferent Pathways and
Realization of Vasomotor Reflexes in Spinal-Cord
Preparations, by R. S. Sonina.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 483-485.
CB

Jan 72

Histochemical Investigation of the Activity of
Certain Enzymes in Various Phases of the Cardiac
Cycle, by A. I. Strukov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 198,
No 2, May 1971, pp 486-488.

CB

Jan 72

The Problem of the Generation of Steady Fluctuations
of the Geomagnetic Fie...., by Gokhberg.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 198, No 3, 1971.
*FSTC-HT-23-0728-72

Nov 71

Transformation of the Equations of Incompressible
Fluid Free Jet Flow Based on Their Invariants,
by B. P. Beloglazov.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, ~~Sov Phys.~~

Vol 198, No 3, May 1971, pp 513-516.

An Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Use of Transformations with a Constant Change of
Area for Modeling in the Problem of Torsion of
an Inhomogeneous Anisotropic Viscoelastic Bar,
by S. B. Klyachko.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov. Phys.,

Vol 198, No 3, May 1971, pp 547-550.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Asymptotic Character of the Averaged Variational
Principle in the Theory of Nonlinear Waves With
Dispersion and Slight Dissipation, by

R. V. Venitsianov.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Sov. Phys.,

Vol 198, No 3, May 1971, pp 551-554.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Solution of a Nonlinear Hydrodynamics Problem,
by D. P. Koshlitsa

RUSSIAN, per, Dok Ak Nauk SSSR, Soy. Fiz.

Vol 198, No 3, May 1971, pp 555-558.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Perturbations of the Temperature Field in a
Piezotropic Medium, by V. A. Prokof'ev.
RUSSIAN, par. Dokl. Ak. Nauk SSSR, Sov. Phys.,
Vol 198, No 3, May 1971, pp 559-562.
Am Inst of Phys
Vol 16, No 5, Nov 1971

Nov 71

Fermi Surface of Arsenic Under Pressure, by
Academician A. A. Galkin.

RUSSIAN, per. Dok. Ak. Nauk SSSR, Sov. Phys.

Vol 198, No 3, May 1971, pp 563-564.

An Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Generation of a Ruby Laser in a Magnetic Field,
by V. K. Elinov.

RUSSIAN, par, Dok. Ak. Nauk SSSR, Sov. Fiz.,

Vol 18, No 3, May 1971, pp 565-567.

An Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Crystal Structure of Tinsite = $\text{NaF}_2\text{Ca}_2\text{TiSi}_7\text{O}_{19}$ -

(OH), by A. A. Petrunina.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys.,

Vol 198, No 3, May 1971, pp 575-578.

Am Inst of Phys

Vol 16, No 5, Nov 1971

Nov 71

Investigation of Several Sections of the Pseudo-
Ternary Nb₃Al-Nb₃Ga-Nb₃Ge System, by H. V. Ageev.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Fiz. Chem.,
Vol 198, No 3, March 1971, pp 611-613.
CB

Nov 71

Investigation of the Interaction of Hexahalide
Phosphates (IV) With Tri-n-Butylphosphine Oxide
in Extraction Processes, by E. A. Bol'shakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem,
Vol 198, No 3, May 1971, pp 614-617.
CB

Nov 71

Nature and Properties of Active Centers Formed
During Mechanical Destruction of Some Solid
Bodies, by V. Ya. Borovkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Fiz. Khim.,
Vol. 198, No 3, May 1971, pp 618-621.
CB

Nov 71

Mass Spectrometric Determination of the Rate
Constant for the Elementary Reaction of Fluorine
Atoms with Hydrogen, by A. F. Dedonov.
RUSSIAN, per, Dok. Ak. Nauk SSSR, Phys. Chem.,
Vol 198, No 3, May 1971, -- 622-623,
CB

Nov 71

Kinetics of the Dehydration of Mactone Alcohol
Over Carbons, by A. S. Krasnaya.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Phys. Chem.,

Vol 198, No 3, May 1971, pp 629-630.

CB

Nov 71